

**AMENDMENTS TO THE CLAIMS:**

This listing of claims replaces all prior versions and listings of claims in this application:

- 1-23. (Cancelled)
- 24. (Currently amended) An isolated polynucleotide comprising:
  - a) nucleotide 1252 through 1543 of ~~Figure 2~~ SEQ ID NO:3; or
  - b) nucleotides encoding amino acids 299 through 396 of ~~Figure 2~~ SEQ ID NO:4.
- 25. (Cancelled)
- 26. (Currently amended) An isolated polynucleotide comprising nucleotides 1252 through 1543 of ~~Figure 2~~ SEQ ID NO:3.
- 27-29. (Cancelled)
- 30. (Currently amended) An isolated polynucleotide comprising nucleotides encoding amino acids 299 through 396 of ~~Figure 2~~ SEQ ID NO:4.
- 31-34. (Cancelled)
- 35. (Previously presented) A vector comprising a polynucleotide of claim 24 in operative association with an expression control sequence therefor.
- 36-37. (Cancelled)
- 38. (Previously presented) A host cell transformed with a vector of claim 35.
- 39-41. (Cancelled)

42. (Previously presented) A method for producing a bone morphogenetic protein, said method comprising the steps of:

- a) culturing a host cell transformed with a polynucleotide of claim 24, and
- b) recovering said bone morphogenetic protein.

43-54. (Cancelled)